A METHOD FOR DYNAMICALLY ENABLING THE EXPANSION OF A COMPUTER OPERATING SYSTEM

ABSTRACT OF THE DISCLOSURE

A method for scheduling tasks in a computer operating system. A background task registers at least one service, creating a registered service. The background task operates on the computer operating system and is invoked by a kernel of the computer operating system in a dedicated pre-assigned time slice, wherein the computer operating system comprises the background task and a foreground task, the background task independent from the operation of said foreground task. The background task for provides an execution presence and a data presence to a registered service. The background task ranks the registered services according to the requirements of each of said registered services. The background task allocates an execution presence and a data presence accordingly to each of the registered services such that each of the registered services is given an opportunity to be scheduled in the dedicated pre-assigned time slice. In one embodiment, the background task searches for services associated therewith. In one embodiment, the background task periodically searches for services associated therewith, and registers the additional services for receiving allocations of an execution presence and a data presence.